

Thomas Schwengler
Application No.: 10/057,824
Page 2

PATENT

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (amended) A system for receiving electromagnetic and optical signals comprising:
 3. a first reflecting device for reflecting the electromagnetic and optical signals;
 4. an electromagnetic receiver having a surface for receiving the reflected
 5. electromagnetic waves and reflecting the optical signals, wherein the electromagnetic waves are
 6. received using the surface that reflects the optical signals
 7. receiver comprises a second reflecting device for reflecting the optical signals;
 8. ^{no drawing and spec. (no supp.)}
(a collecting device) coupled to the electromagnetic receiver configured to collect
 9. the received electromagnetic waves; and
 10. an optical receiver for receiving the optical signals reflected from the
 11. electromagnetic receiver.
1. 2. (original) The system of claim 1, wherein the first reflecting device comprises a parabolic dish.
1. 3. (original) The system of claim 1, wherein the first reflecting device comprises a material to reflect the optical signals.
1. 4. (original) The system of claim 3, wherein the material comprises a mirror-like material.
1. 5. (original) The system of claim 1, wherein the first reflecting device comprises a material to reflect the electromagnetic signals.
1. 6. (original) The system of claim 5, wherein the material comprises a metallic material.

Thomas Schwengler
Application No.: 10/057,824
Page 3

PATENT

1 7. (original) The system of claim 6, wherein the metallic material is polished
2 to reflect optical signals.

1 8. (original) The system of claim 1, wherein the optical signals comprise
2 infrared signals.

1 9. (original) The system of claim 1, wherein the electromagnetic signals
2 comprise radio frequency signals.

1 10. (original) The system of claim 1, wherein the electromagnetic signals
2 comprise microwave signals.

1 11. (original) The system of claim 1, wherein the second reflecting device
2 comprises a material capable of reflecting optical signals.

1 12. (original) The system of claim 12, wherein the material comprises a
2 mirror-like substance.

1 13. (original) The system of claim 1, wherein the first reflecting device
2 reflects the electromagnetic and optical rays to a focus area, wherein the focus area includes the
3 electromagnetic receiver.

1 14. (original) The system of claim 1, further comprising a transmitting system
2 comprising an optical transmitter.

1 15. (original) The system of claim 1, wherein the electromagnetic receiver is
2 designed to transmit electromagnetic signals.

1 16. -23. (canceled).

1 17. (amended) A broadband communications system for receiving
2 electromagnetic and optical signals comprising:
3 a parabolic dish for reflecting the electromagnetic and optical signals to a focus
4 area, the parabolic dish comprising an aperture;

Thomas Schwengler
Application No.: 10/057,824
Page 4

PATENT

5 an electromagnetic receiver located in the focus area for receiving the reflected
6 electromagnetic waves, wherein the electromagnetic receiver comprises a surface for receiving
7 the reflected electromagnetic waves and reflecting device for reflecting the optical signals
8 through the aperture; *no SEP. in '96*

9 (a collecting device coupled to the electromagnetic receiver configured to collect
10 the received electromagnetic waves; and

11 an optical receiver for receiving the optical signals reflected through the aperture
12 from the electromagnetic receiver.

1 18. (original) The system of claim 17, wherein the optical signals comprise
2 infrared signals.

1 19. (original) The system of claim 17, wherein the electromagnetic signals
2 comprise radio frequency signals.

1 20. (original) The system of claim 17, wherein the electromagnetic signals
2 comprise microwave signals.